

Claim Amendments

23. (Amended) A metallic security device for use with an item, said metallic security device comprising:

a carrier substrate having a width; and

a plurality of conductive regions disposed on said carrier substrate, wherein said conductive regions are separated by non-conductive regions which extend entirely across said width of said carrier substrate and have at least two different predetermined lengths forming a predetermined pattern for representing encoded data, and wherein said predetermined lengths of said conductive regions are detectable to read said predetermined pattern and decode said data,

wherein said non-conductive regions are formed as graphic indicia and said conductive regions are formed around said graphic indicia.

24. (Canceled).

25. (Canceled).

37. (Amended) A method of authenticating a magnetic/metallic security device, the device having a width and including at least one magnetic region having at least one predetermined magnetic characteristic, a plurality of and at least one metallic, conductive regions region each having at least one a predetermined metallic characteristic and non-conductive regions, wherein said non-conductive regions extend entirely across said width of said security device, said method comprising the steps of:

~~charging~~ magnetizing said magnetic region of said magnetic/metallic security device;

detecting said predetermined magnetic characteristic of said ~~charged~~ magnetized magnetic region;

detecting said ~~at least one~~ predetermined metallic ~~characteristic~~ characteristics of said ~~at least one~~ metallic region regions; and

comparing said at least one predetermined magnetic characteristic and said ~~at least one predetermined metallic characteristic~~ characteristics to expected magnetic and metallic characteristics.

47. (Amended) A magnetic/metallic security device for use with an item to provide multiple security features, said magnetic/metallic security device comprising:

a carrier substrate having a width;

a metallic layer disposed on at least a portion of said carrier substrate, for providing metallic security features, wherein said metallic layer forms a plurality of conductive regions on said carrier substrate, and wherein said conductive regions are separated by non-conductive regions which extend entirely across said width of said carrier substrate; and

a magnetic layer disposed on and in substantially identical registration with said metallic layer, for providing magnetic security features, wherein said magnetic layer and said metallic layer together form visually identifiable graphic indicia on said at least a portion of said carrier substrate.

49. (Amended) A magnetic/metallic security device for use with an item to provide multiple security features, said magnetic/metallic security device comprising:

a carrier substrate having a width;

a metallic layer disposed on at least a portion of said carrier substrate, for providing metallic security features, wherein said metallic layer forms a plurality of conductive regions on said carrier substrate, and wherein said conductive regions are separated by non-conductive regions which extend entirely across said width of said carrier substrate; and

a magnetic layer disposed on and in substantially identical registration with said metallic layer, for providing magnetic security features, wherein said magnetic layer and said metallic layer together form visually identifiable magnetic/metal graphic indicia on said at least a portion of said carrier substrate.

53. (Amended) A method of making a magnetic/metallic security device having a plurality of security features, said method comprising:

providing a carrier substrate having a width and first and second surfaces;

applying a metallic layer directly to at least a portion of said first surface of said carrier substrate, wherein said metallic layer forms a plurality of conductive regions on said carrier substrate, wherein said conductive regions are separated by non-conductive regions which extend entirely across said width of said carrier substrate; and

applying a magnetic layer over at least a portion of said metallic layer such that at least a portion of said magnetic layer and said metallic layer are in substantially identical registration and wherein said magnetic layer and said metallic layer in substantially identical registration together form visually identifiable graphic indicia.

54. (Amended) A magnetic/metallic security device for use with an item to provide multiple security features, said magnetic/metallic security device comprising:

a carrier substrate having a width; and

a magnetic/metal security feature comprising:

a magnetic/metal security feature including a metallic layer disposed on at least a portion of said carrier substrate, for providing metallic security features, along with a magnetic layer disposed on and in substantially identical registration with said metallic layer, for providing magnetic security features, wherein said metallic layer forms a plurality of conductive regions on said carrier substrate, wherein said conductive regions are separated by non-conductive regions which extend entirely across said width of said carrier substrate, and wherein said magnetic layer and said metallic layer together form visually identifiable magnetic/metal graphic indicia on said at least a portion of said carrier substrate; and/or

a magnetic/metal security feature including a metallic layer disposed on at least a portion of said carrier substrate, for providing metallic security features, wherein said metallic layer forms a plurality of conductive regions on said carrier substrate, wherein said conductive regions are separated by non-conductive regions which extend entirely across said width of said carrier substrate, along with a magnetic layer disposed on and in substantially identical registration with at least one of said plurality of conductive regions, for providing magnetic security features, wherein said magnetic layer and said at least one conductive ~~region~~ regions in substantially identical registration include recesses, said recesses forming visually identifiable indicia.

55. (Amended) A magnetic/metallic security device for use with an item to provide multiple security features, said magnetic/metallic security device comprising:

a carrier substrate having a width;

a metallic layer disposed on at least a portion of said carrier substrate, for providing metallic security features, wherein said metallic layer forms a plurality of conductive regions on said carrier substrate, wherein said conductive regions are separated by non-conductive regions which extend entirely across said width of said carrier substrate; and

a magnetic layer disposed on and in substantially identical registration with said metallic layer, for providing magnetic security features, wherein said magnetic layer and said metallic layer together form visually identifiable magnetic/metal graphic indicia in the form of discrete, non-connected, graphic indicia on said at least a portion of said carrier substrate.

56. A magnetic/metallic security device for use with an item to provide multiple security features, said magnetic/metallic security device comprising:

a carrier substrate having a width;

a metallic layer disposed on at least a portion of said carrier substrate, for providing metallic security features, wherein said metallic

layer forms a plurality of conductive regions on said carrier substrate, wherein said conductive regions are separated by non-conductive regions which extend entirely across said width of said carrier substrate; and
a magnetic layer disposed on and in substantially identical registration with at least a portion of at least one of said plurality of said conductive regions, for providing magnetic security features, wherein said magnetic layer and said at least a portion of at least one conductive region in substantially identical registration include recesses, said recesses forming visually identifiable indicia.

57. The magnetic/metallic security device of claim 56, which further comprises a coating layer disposed over said magnetic layer.

58. A magnetic/metallic security device for use with an item to provide multiple security features, said magnetic/metallic security device comprising:

a carrier substrate having a width; and

a magnetic/metal security feature comprising:

a magnetic/metal security feature including a metallic layer disposed on at least a portion of said carrier substrate, for providing metallic security features, along with a magnetic layer disposed on and in substantially identical registration with said metallic layer, for providing magnetic security features, wherein said metallic layer forms a plurality of conductive regions on said carrier substrate, wherein said conductive regions are separated by non-conductive regions which extend entirely across said width of said carrier substrate, and wherein said magnetic layer and said metallic layer together form visually identifiable magnetic/metal graphic indicia on said at least a portion of said carrier substrate; and/or

a magnetic/metal security feature including a metallic layer disposed on at least a portion of said carrier substrate, for providing metallic security features, wherein said metallic layer forms a plurality of conductive regions on said carrier substrate, wherein said conductive

regions are separated by non-conductive regions which extend entirely across said width of said carrier substrate, along with a magnetic layer disposed on and in substantially identical registration with at least a portion of at least one of said plurality of conductive regions, for providing magnetic security features, wherein said magnetic layer and said at least a portion of at least one conductive region in substantially identical registration include recesses, said recesses forming visually identifiable indicia.

59. The magnetic/metallic security device of claim 58, which further comprises a coating layer disposed over said magnetic layer.

60. A magnetic/metallic security device for use with an item to provide multiple security features, said magnetic/metallic security device comprising:

a carrier substrate having a width;

a metallic layer disposed on at least a portion of said carrier substrate, for providing metallic security features, wherein said metallic layer forms a plurality of conductive regions on said carrier substrate, wherein said conductive regions are separated by non-conductive regions which extend entirely across said width of said carrier substrate; and

a magnetic layer disposed on and in substantially identical registration with at least a portion of at least one of said plurality of said conductive regions, for providing magnetic security features, wherein recesses forming visually identifiable indicia are formed in at least one of (a) any of said conductive regions and (b) said magnetic layer in substantially identical registration with at least a portion of at least one conductive region.

61. The magnetic/metallic security device of claim 60, which further comprises a coating layer disposed over said magnetic layer.

62. A magnetic/metallic security device for use with an item to provide multiple security features, said magnetic/metallic security device comprising:

a carrier substrate having a width; and

_____ a magnetic/metal security feature comprising:

_____ a magnetic/metal security feature including a metallic layer disposed on at least a portion of said carrier substrate, for providing metallic security features, along with a magnetic layer disposed on and in substantially identical registration with said metallic layer, for providing magnetic security features, wherein said metallic layer forms a plurality of conductive regions on said carrier substrate, wherein said conductive regions are separated by non-conductive regions which extend entirely across said width of said carrier substrate, and wherein said magnetic layer and said metallic layer together form visually identifiable magnetic/metal graphic indicia on said at least a portion of said carrier substrate; and/or

_____ a magnetic/metal security feature including a metallic layer disposed on at least a portion of said carrier substrate, for providing metallic security features, wherein said metallic layer forms a plurality of conductive regions on said carrier substrate, wherein said conductive regions are separated by non-conductive regions which extend entirely across said width of said carrier substrate, along with a magnetic layer disposed on and in substantially identical registration with at least a portion of at least one of said plurality of conductive regions, for providing magnetic security features, wherein recesses forming visually identifiable indicia are formed in at least one of (a) any of said conductive regions and (b) said magnetic layer in substantially identical registration with at least a portion of at least one conductive region.

63. The magnetic/metallic security device of claim 62, which further comprises a coating layer disposed over said magnetic layer.

64. A magnetic/metallic security device for use with an item to provide multiple security features, said magnetic/metallic security device comprising:

_____ a carrier substrate having a width;

a metal security feature comprising a metallic layer disposed on at least a portion of said carrier substrate, said metallic layer forming a plurality of conductive regions on said carrier substrate, said conductive regions being separated by non-conductive regions which extend entirely across said width of said carrier substrate, each conductive region of said metallic layer including at least one predetermined characteristic that is detectable such that said metallic layer provides metallic security features, said metallic layer further including visually identifiable graphic indicia; and

a magnetic security feature comprising a magnetic layer including at least one type of magnetic substance having at least one predetermined magnetic characteristic such that said magnetic layer provides magnetic security features;

wherein said magnetic layer is disposed on at least some of said metallic layer.

65. The magnetic/metallic security device of claim 64, which further comprises a coating layer disposed over said magnetic layer.